

### **ABSTRACT OF THE DISCLOSURE**

One aspect of the invention is a system for digital dye color film processing. In one embodiment, a developer station applies a processing solution to film to initiate development of metallic silver grains and at least one dye image within the film. A 5 scanning system illuminates the coated film with light having at least one frequency within the visible portion of the electromagnetic spectrum. The light interacts with the silver and at least one dye image within the film. The scanning station measures the light from the film and produces sensor data that is communicated to a data processing system. The data processing system processes the sensor data to produce a 10 digital image. The digital image can then be output to an output device, such as a printer, monitor, memory device, and the like.